



# CITY OF LODI

## COUNCIL COMMUNICATION

**AGENDA TITLE:** Adopt resolution authorizing the City Manager to provide funding in the amount of \$10,660.00 to fund the Public Benefits Program Grant – Century Assembly Church Demand- side Management Project (EUD)

**MEETING DATE:** December 19, 2001

**PREPARED BY:** Electric Utility Director

**RECOMMENDED ACTION:** That the City Council adopt a resolution authorizing the City Manager to provide funding in the amount of \$10,660.00 to fund the Public Benefits Program Grant – Century Assembly Church Demand- side Management Project.

**BACKGROUND INFORMATION:** Century Assembly Church has elected to pursue a facility-wide lighting retrofit project for their sanctuary and adjacent office complex. Utilizing Tru-Brite Energy Management to assess their facility, the church will remove all existing lighting, and replace those lamps/fixtures with high efficiency, approved lighting. Specifically, the project entails:

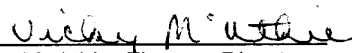
- removal of existing lighting (predominately incandescent lighting) and installing 1,109 T-8 fluorescent lamps and compact fluorescent lamps; and
- electronic ballasts throughout the facility; and
- ten motion sensors/timers in office and supply rooms.


The total cost of the project is \$42,643.00, prior to rebate. The Public Benefits Program grant of \$10,660.75 reflects a 25 percent rebate, which is consistent for lighting retrofit projects of this size. The calculated energy savings resulting from the lighting retrofit are 84,000 kilowatt hours of electricity, with an annual dollar savings in excess of \$10,000.

The City of Lodi Electric Utility staff respectfully recommends approval of this grant as a qualifying component of the City of Lodi Public Benefits Program. Utility staff also considers the Century Assembly Church project to be an excellent example of a demand-side management or energy efficiency improvement project for two reasons: 1) lighting is static- tends to be "on" a majority of the time- and lends itself for easy retrofit capabilities; 2) the payback- calculated on projected annual energy & operations/maintenance savings- for lighting retrofits is normally less than four years (this particular project has a payback of three years or less).

**FUNDING:** 164605 - Public Benefits Fund (Category: Demand-side Management)

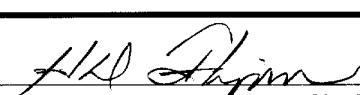
Funding Available:

  
Vicky McAthie, Finance Director

  
Alan N. Vallow  
Electric Utility Director

**PREPARED BY:** Rob Lechner, Manager of Customer Programs  
ANV/RL/lt  
C: City Attorney

**APPROVED:**

  
H. Dixon Flynn - City Manager

RESOLUTION NO. 2001-294

A RESOLUTION OF THE LODI CITY COUNCIL AUTHORIZING THE  
CITY MANAGER TO PROVIDE A PUBLIC BENEFITS PROGRAM  
GRANT TO CENTURY ASSEMBLY CHURCH DEMAND-SIDE  
MANAGEMENT PROJECT

=====

WHEREAS, the state has mandated that beginning January 1, 1998, the City of Lodi is obligated to fund various programs through a Public Benefits Charge (PBC) based on a historical electric revenue requirement; and

WHEREAS, the requirement amounts to approximately \$1M per year that must be dedicated to qualifying programs such as energy efficiency. A further stipulation is that these efforts must be done on the customer's side of the meter in order to qualify; and

WHEREAS, the City of Lodi's Public Benefits Program is comprised of four segments or customer groups: commercial/industrial, residential, community/non-profit, and municipal; and

WHEREAS, Century Assembly Church has elected to pursue a facility-wide lighting retrofit for its sanctuary and adjacent office complex. Utilizing Tru-Brite Energy Management to assess its facility, the church will remove all existing lighting, and replace those lamps/fixtures with high efficiency, approved lighting. The project entails:

- removal of existing lighting (predominately incandescent lighting) and installing 1,109 T-8 fluorescent lamps and compact fluorescent lamps; and
- electronic ballasts throughout the facility; and
- ten motion sensors/timers in office and supply rooms.

WHEREAS, the total cost of the project is \$42,643.00, prior to rebate. The Public Benefits Program grant of \$10,660.75 reflects a 25 percent rebate, which is consistent for lighting retrofit projects of this size. The calculated energy savings resulting from the lighting retrofit are 84,000 kilowatt hours of electricity, with an annual dollar savings in excess of \$10,000; and

WHEREAS, the City of Lodi Electric Utility staff recommends approval of this grant as a qualifying component of the City of Lodi Public Benefits Program. Utility staff also considers the Century Assembly Church project to be an excellent example of a demand-side management or energy efficiency improvement project for two reasons: 1) lighting is static – tends to be "on" a majority of the time – and lends itself for easy retrofit capabilities; and 2) the payback – calculated on projected annual energy and operations/maintenance savings- for lighting retrofits is normally less than four years (this particular project has a payback of three years or less).

NOW, THEREFORE, BE IT RESOLVED, that the Lodi City Council hereby authorizes the City Manager to provide a Public Benefits Program Grant to Century Assembly Church demand-side management project in the amount \$10,660.00.

Dated: December 19, 2001

=====

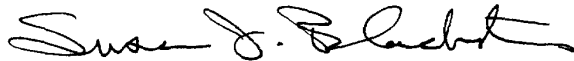
I hereby certify that Resolution No. 2001-294 was passed and adopted by the City Council of the City of Lodi in a regular meeting held December 19, 2001, by the following vote:

AYES: COUNCIL MEMBERS – Hitchcock, Howard, Land, Nakanishi,  
and Mayor Pennino

NOES: COUNCIL MEMBERS – None

ABSENT: COUNCIL MEMBERS – None

ABSTAIN: COUNCIL MEMBERS – None



SUSAN J. BLACKSTON  
City Clerk